

ABSTRACT

The present invention discloses a network security system including a firewall arranged between the internal network and the external network, and a trusted node arranged between the firewall and the external network, which is used to provide a data channel between the internal network and the external network, and forward the data transported between the internal network and the external network; the firewall includes a first port configured at the internal network oriented side of the firewall and a second port configured at the external network oriented side of the firewall; and the trusted node includes a media-stream receiving port used to converge the data from the second port. In the present invention, the streams are converged when they are transported between the trusted node and the internal network, by which the time delay of streams will not be increased on the whole while the isolation of the internal network and the external network is ensured. The present invention also discloses a network security method.

(FIG.2)